GOVERNMENT OF INDIA
COMMUNICATIONS
LOK SABHA

UNSTARRED QUESTION NO:6225
ANSWERED ON:12.04.2017
Skill Development in Telecom Sector
Biju Shri Parayamparanbil Kuttappan

Will the Minister of COMMUNICATIONS be pleased to state:

(a) whether the Government proposes to launch any programme to augment and accelerate the skill development in the telecom sector;

(b) if so, the details thereof along with the targets, if any, fixed and achieved in this regard; and

(c) if not, the reasons therefor?

Answer

THE MINISTER OF STATE (IC) OF THE MINISTRY OF COMMUNICATIONS &
MINISTER OF STATE IN THE MINISTRY OF RAILWAYS
(SHRI MANOJ SINHA)

(a) Yes Madam, the Government has taken multiple steps to accelerate Skill Development in Telecom Sector.

(b) The details of steps taken by the Government for Skill Development in Telecom Sector are submitted below :

i) As the first step, the Government has got conducted the Skill Gap study twice, first time in Sept' 2014 and subsequently in June' 2016 after the launch of flagship schemes namely Make In India, Digital India, Swachha Bharat, Smart Cities etc to assess the telecom sector skill requirements till 2022.

ii) The inputs received from Skill Gap Analysis of Jun' 2016 were deliberated with Telecom Service Providers (TSPs), Telecom Service Associations and other stakeholders and then a detailed Telecom Sector Skill Plan containing the road map to generate Telecom Skilled manpower as per telecom sector skill projections till 2022 has been prepared in Sept' 2016.

As per Telecom Sector Skill Plan of Sept' 2016, the telecom manpower is projected to increase from 40,04,500 to 87,80,000 by 2022 thereby projecting the additional requirement of Skilled Telecom manpower of 47,75,500 .

The details of manpower requirement in various telecom subsectors are contained in the table below:
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Sl no. Telecom subsector Telecom manpower Total additional Requirement
2016-2017 2021-2022
1 Service Providers 8,40,000 13,90,000 5,50,000
2 Infra Providers 1,40,000 5,20,000 3,80,000
3 N/W & IT providers 5,90,000 9,90,000 4,00,000
4 Telecom Equipment manufacturers 5,80,000 13,80,000 8,00,000
5 Retail & Distribution 7,60,000 13,90,000 6,30,000
6 Mobile Handsets
10,94,500 31,10,000 20,15,500
Total 40,04,500 87,80,000
47,75,500
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Further, as per the analysis of TSSC (Telecom Sector Skill Council), a telecom setup has invariably 20-25% high end skilled people comprising of engineers, MBAs, CAs, HR experts etc and as per experience such high end skilled people require no specific skill training rather they are given short term 2-4 weeks orientation course on the job by the employer.

The balance manpower comprising of 75-80% would require telecom skill trainings. Keeping the optimistic figure of 80%, the target telecom skilling required till 2021-22 will be to the tune of 38,20,400.

iii) In order to accelerate Skill Development in Telecom Sector the Training centers of DOT PSUs namely Bharat Sanchar Nigam Limited (BSNL), Mahanagar Telephone Nigam Limited (MTNL) and ITI Ltd. are being accredited to Ministry of Skill Development and Entrepreneurship to impart large scale Skill Development Trainings to youths in Telecom Sector.

iv) Also, Telecom Sector Skill Council (TSSC) will be conducting telecom Skill Development Trainings through Training Providers to

generate required skilled manpower for telecom sector.

v) In order to generate additional Skilled manpower of 38,20,400 Department of Telecom has fixed following annual Targets from 2017-18 for its PSUs namely Bharat Sanchar Nigam Limited (BSNL), Mahanagar Telephone Nigam Limited (MTNL), Telecommunications Consultants India Ltd (TCIL) and ITI ltd. and also for Telecom Sector Skill Council (TSSC) as detailed below :

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Sl no Organization 2017-18 2018-19 2019-20 2020-21 2021-22 Total
1. BSNL 88,000 97,000 1,07,000 1,20,000 1,30,000 5,42,000
2. MTNL 5,500 6,000 6,700 7,500 8,500 34,200
3. TCIL 18,700 21,000 23,000 25,000 27,500 1,15,200
4. ITI 2,600 2,800 3,000 3,500 4,000 15,900
5. TSSC 4,00,000 5,00,000 6,50,000 7,50,000 8,50,000 31,50,000
Total 5,14,800 6,26,800 7,89,700 9,06,000 10,20,000 38,57,300
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The achievement in regard to skill development trainings including vocational courses on telecom for FY 2016-17 was 1,60,764.

(c) NA in lieu of (b) above.

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